



SEQUENCE LISTING

<110> Brennan, Thomas J.
McLewys, William
Moore, Mark

<120> TRANSGENIC MICE CONTAINING ANAPHYLATOXIN
C3A GENE DISRUPTIONS

<130> R-171

<140> US 09/892,206

<141> 2001-06-26

<150> US 60/215,467

<151> 2000-06-29

<150> US 60/244,083

<151> 2000-10-26

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<170> FastSEQ for Windows Version 4.0

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<212> DNA

<213> Mus musculus

<400> 1

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 35 40 45
 Gly Val Lys Met Lys Thr Thr Val Asn Thr Val Trp Phe Leu His Leu
 50 55 60
 Thr Leu Ala Asp Phe Leu Cys Cys Leu Ser Leu Pro Phe Ser Leu Ala
 65 70 75 80
 His Leu Ile Leu Gln Gly His Trp Pro Tyr Gly Leu Phe Leu Cys Lys
 85 90 95
 Leu Ile Pro Ser Ile Ile Ile Leu Asn Met Phe Ala Ser Val Phe Leu
 100 105 110
 Leu Thr Ala Ile Ser Leu Asp Arg Cys Leu Ile Val His Lys Pro Ile
 115 120 125
 Trp Cys Gln Asn His Arg Asn Val Arg Thr Ala Phe Ala Ile Cys Gly
 130 135 140
 Cys Val Trp Val Val Ala Phe Val Met Cys Val Pro Val Phe Val Tyr
 145 150 155 160
 Arg Asp Leu Phe Ile Met Asp Asn Arg Ser Ile Cys Arg Tyr Asn Phe
 165 170 175
 Asp Ser Ser Arg Ser Tyr Asp Tyr Trp Asp Tyr Val Tyr Lys Leu Ser
 180 185 190
 Leu Pro Glu Ser Asn Ser Thr Asp Asn Ser Thr Ala Gln Leu Thr Gly
 195 200 205
 His Met Asn Asp Arg Ser Ala Pro Ser Ser Val Gln Ala Arg Asp Tyr
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 Phe Trp Thr Val Thr Thr Ala Leu Gln Ser Gln Pro Phe Leu Thr Ser
 225 230 235 240
 Pro Glu Asp Ser Phe Ser Leu Asp Ser Ala Asn Gln Gln Pro His Tyr
 245 250 255
 Gly Gly Lys Pro Pro Asn Val Leu Thr Ala Ala Val Pro Ser Gly Phe
 260 265 270
 Pro Val Glu Asp Arg Lys Ser Asn Thr Leu Asn Ala Asp Ala Phe Leu
 275 280 285
 Ser Ala His Thr Glu Leu Phe Pro Thr Ala Ser Ser Gly His Leu Tyr
 290 295 300

Pro Tyr Asp Phe Gln Gly Asp Tyr Val Asp Gln Phe Thr Tyr Asp Asn
 305 310 315 320
 His Val Pro Thr Pro Leu Met Ala Ile Thr Ile Thr Arg Leu Val Val
 325 330 335
 Gly Phe Leu Val Pro Phe Phe Ile Met Val Ile Cys Tyr Ser Leu Ile
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 Val Phe Arg Met Arg Lys Thr Asn Phe Thr Lys Ser Arg Asn Lys Thr
 355 360 365
 Phe Arg Val Ala Val Ala Val Thr Val Phe Phe Ile Cys Trp Thr
 370 375 380
 Pro Tyr His Leu Val Gly Val Leu Leu Leu Ile Thr Asp Pro Glu Ser
 385 390 395 400
 Ser Leu Gly Glu Ala Val Met Ser Trp Asp His Met Ser Ile Ala Leu
 405 410 415
 Ala Ser Ala Asn Ser Cys Phe Asn Pro Phe Leu Tyr Ala Leu Leu Gly
 420 425 430
 Lys Asp Phe Arg Lys Lys Ala Arg Gln Ser Ile Lys Gly Ile Leu Glu
 435 440 445
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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Targeting vector

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 ctgagccatg gagtctttcg atgctgacac caattcaact gacctacact cacggcctct 180
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<210> 4
 <211> 200
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Targeting vector

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 <212> DNA
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<211> 439

<212> DNA

<213> Mus musculus

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<211> 295

<212> DNA

<213> Mus musculus

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